

Spec. Code: 2969
Occ. Area: 11
Work Area: 041
Prob. Period: 6 mo.
Prom. Line: none
Effective Date: 03/30/90

SEWAGE TREATMENT PLANT OPERATOR

Function of Job

Under general supervision from a designated supervisor, to operate and maintain sewage treatment plant equipment.

Characteristic Duties and Responsibilities

1. operates and performs routine maintenance work on valves, air diffusers, sludge collectors, chlorinator units, and pumps
2. collects samples of sewage at various stages of processing and makes routine laboratory tests (such as tests for dissolved oxygen, alkalinity, biochemical oxygen demand, and suspended solids)
3. makes adjustments as indicated by laboratory tests to correct imbalances in the sewage treatment process
4. checks bar screens, commutators, grit removal units, and heat exchangers; assists in the repair of engines and other mechanical equipment
5. lubricates and checks packing of pumps
6. keeps statistical records and makes reports
7. supervises others as assigned
8. performs related duties as assigned

Minimum Acceptable Qualifications

CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER

1. high school graduation or equivalent
2. one year of experience in the operation of a sewage treatment plant of comparable size and capacity. (Graduation from an approved training school in sewage treatment may be substituted for experience on a month-for-month basis.)

PERSONAL ATTRIBUTES NEEDED TO UNDERTAKE JOB

1. working knowledge of the operation and maintenance of electrical and mechanical sewage treatment plant equipment
2. working knowledge of the chemical, physical, and bacteriological processes involved in the treatment of sewage
3. working knowledge of the machines, equipment, materials, and operating practices used in modern sewage treatment